

7. The acoustic module of claim 1, further comprising:
 - a third conductive element configured to generate a third surface charge on a third region of an interior surface of the cavity; and
 - a fourth conductive element configured to generate a fourth surface charge on a fourth region of the interior surface of the cavity,
 wherein the first, second, third, and fourth charges may be selectively applied to facilitate movement of a liquid held within the cavity.
8. The acoustic module of claim 1, wherein the first and second conductive elements are formed from an electrode that substantially conforms to the shape of the cavity.
9. The acoustic module of claim 1, wherein the first and second conductive elements are coil elements formed from a coil of conductive wire.
10. The acoustic module of claim 1, wherein the acoustic element is a speaker element.
11. The acoustic module of claim 1, wherein the speaker element is configured to generate an acoustic pulse that facilitates movement of the liquid within the cavity.
12. The acoustic module of claim 1, further comprising:
 - a screen element located at an opening in the cavity, and wherein
 - the screen element is configured to selectively apply a surface charge to a surface of the screen element to modify the hydrophobicity of the surface of the screen element.
13. An electronic device, comprising:
 - a housing having at least one acoustic port having an orifice; and
 - an acoustic module coupled to the at least one acoustic port, the acoustic module comprising:
 - an acoustic element;
 - a cavity acoustically coupled to the acoustic element;
 - a first conductive element configured to generate a first surface charge on a first region of an interior surface of the cavity; and
 - a second conductive element configured to generate a second surface charge on a second region of the interior surface of the cavity,
 wherein the first and second charges on the first and second regions of the interior surfaces of the cavity may be selectively applied to facilitate movement of a liquid held within the cavity.
14. The acoustic module of claim 13, wherein the electronic device is a mobile telephone and wherein the acoustic element is one or more of: a speaker element or a microphone element.
15. The acoustic module of claim 13, wherein the electronic device is a wearable device and wherein the acoustic element is one or more of: a speaker element or a microphone element.
16. A method for expelling a liquid from an acoustic module, the method comprising:
 - detecting presence of the liquid disposed within in a cavity of the acoustic module;
 - applying a charge to a first region of an internal surface of the cavity to change the hydrophobicity of the first region;
 - moving the liquid toward or away from the first region of the internal surface using the change in hydrophobicity of the first region; and
 - expelling at least a portion of the liquid from an orifice of the acoustic module.
17. A method for expelling a liquid from an acoustic module, the method comprising:
 - applying a charge to a first region of an internal surface of the cavity to change the hydrophobicity of the first region;
 - moving the liquid toward or away from the first region of the internal surface using the change in hydrophobicity of the first region; and
 - expelling at least a portion of the liquid from an orifice of the acoustic module.
18. The method of expelling the liquid of claim 17, wherein the acoustic cavity is acoustically coupled to an acoustic element, the method further comprising:
 - generating at least one pulse of acoustic energy using the acoustic element; and
 - moving the liquid toward the orifice in the acoustic cavity using the at least one pulse of acoustic energy.
19. The method of expelling the liquid of claim 18, wherein the at least one pulse of acoustic energy is at a frequency that is less than 20 Hz or greater than 20,000 Hz.
20. The method of expelling the liquid of claim 17, further comprising:
 - detecting the presence of liquid after applying a first charge to the first region of the internal surface of the cavity; and
 - applying a second charge to the first region in response to the detection of any liquid remaining in the cavity.
21. The method of expelling the liquid of claim 17, further comprising:
 - applying a first surface charge to the first region of an interior surface of the cavity to reduce the hydrophobicity of the first region;
 - applying a second surface charge on a second region of the interior surface of the cavity to increase the hydrophobicity of the second region; and
 - causing movement of at least a portion of the liquid from the second region to the first region due to the relative difference in the hydrophobicity of the first and second regions.
22. The method of expelling the liquid of claim 17, further comprising:
 - sequentially applying a series of surface charges down a length of the cavity using a series of conductive elements arranged along the length; and
 - driving a volume of liquid along the length of the cavity due to the series of surface charges.
23. The method of expelling the liquid of claim 17, further comprising:
 - applying a second charge to a second region of the interior surface of the cavity to draw a volume of the liquid away from an opening of the cavity proximate to the orifice; and
 - holding the volume of liquid near the second region while the portion of liquid is expelled from the cavity.
24. The method of expelling the liquid of claim 17, further comprising:
 - applying a charge to a screen element of the acoustic module to reduce the hydrophobicity of the screen element.
25. The method of expelling the liquid of claim 17, further comprising:
 - generating an acoustic signal using an acoustic element of the acoustic module;